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Universal Approximation Theorem & Nash Embedding Theorems

critique criticus κριτικός critical judgement

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[illegible]

Turing Test AlphaGo dataset

[illegible]

AlphaGo Zero is superhuman
AlphaGo AlphaZero MuZero

SAE level 4

ready ALphabet/Waymo SAE level 4 SAE level 4 ALphabet/Waymo

Reward Is Enough reward reward reward Reward

SAE level 4

Nash Embedding Theorems Word-embedding Vector Space

deep learning reinforcement learning

reward

Universal Approximation Theorem selfish gene

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A B C D

A. □□□□□□□□

1.

2. □□□□□□□□□□

3. Chaitin's constant

4. □□□□□□□□□□□□□□□□□□

5. □□□□ 1 - 4 □□□□□□□□□□□□□□□□□□□□□□

B. □□□□□□□□□□□□□□

6. relevance theory

7.

8. Grigori Perelman □ Poincaré conjecture □□□□□□□□□□□□□□□□□□□□□□ □□□

9. Demis Hassabis □ AlphaGo □ intuition □ intuition □□ Demis Hassabis □□ AlphaGo □□□ intuition □□□□□ AlphaGo □□□□□□□□□□ a meta-solution to any problem □

10. AlphaGo 超越 Nature 超human performance

C. □□□□□□□□□□□□□□□□

11. form

12. motif

13. `truth` `truth`

14. □□□□□□ The Selfish Gene □□ The Immortal Gene □□□□□□□□□□□□□□□□

16. Austrian School of Economics

D. □□□□□□□□□□□□□□□□:

19.

21. Turing Machine deterministic, probabilistic, etc.

23. word-embedding vector space, encoder-decoder, attention, transformer, BERT

25. Universal Approximation Theorem overfitting-underfitting chaos phenomena

27. selfish gene

28.

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Freeman Dyson

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[illegible]

AlphaGo Nature
SAE level 5 SAE level 4

[illegible][illegible][illegible]

The Selfish Gene

Freeman Dyson a
great bird frog bird frog
 frog bird

[illegible][illegible]

□ □